

IN THE CLAIMS

Please cancel claims 2 and 8 without prejudice and amend the claims as follows:

Sub 17
1. (Currently Amended) Communication system, comprising: a network, one or more optical transmitters ~~and~~ and that may be subjected to potential noise sources, characterized in that wherein the communication system ~~comprises~~ includes a filter means coupled between the noise sources and the at least one optical transmitter, which filter means have a cut-off frequency, dependent on the noise frequency, wherein the cut-off frequency of the filter means lies in the range of 10 to 15 MHz.

2. (Canceled)

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cont
3. (Currently Amended) Communication system according to claim 1, wherein characterized in that the filter means are arranged as a high pass filter and/or a low pass filter.

4. (Currently Amended) Communication system according to claim 1, wherein characterized in that the filter means are arranged as adaptive filter means, such that if impulse noise arises it is being blocked from passing upstream through the communication system.

Sub 17
5. (Currently Amended) Communication system according to claim 4, wherein characterized in that the communication system comprises a threshold detector and a controllable switch having a control input coupled to the threshold detector.

6. (Currently Amended) Communication system according to claim 5,
wherein characterized in that the communication system comprises a summing
device for summing at least one filtered version of an impulse noise containing
RF signal.

31
cancel.

7. (Currently Amended) Filter means for application in the communication
system according to claim 1, wherein characterized in that the filter means have
a cut-off frequency, which is chosen in dependence on the noise frequency,
wherein the cut-off frequency of the filter means lies in the range of 10 to 15
MHz.

8. (Canceled)